Project Planning Phase

**Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

# Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my username, email, password, organization name, and employee position. | 4 | High | Aravinth,karthik,prasanna |
| Sprint-1 | Login | USN-2 | As a user, I can log into the application by entering username/email & password | 3 | High | Aravinth,karthik,prasanna |
| Sprint-2 | Dashboard | USN-3 | As a user, I will be able to see the profile details and login details | 2 | Medium | Aravinth,karthik,prasanna |
| Sprint-2 | Entering input | USN-4 | After entering the dashboard, I will give the input parameters for prediction | 2 | Medium | Aravinth,karthik,prasanna |
| Sprint-2 | Viewing output | USN-5 | As a user, I will get the predicted output | 6 | High | Aravinth,karthik,prasanna |
| Sprint-3 | Report generation | USN-6 | As a user, I will get a detailed report of output | 5 | Medium | Aravinth,karthik,prasanna |
| Sprint-4 | Instructions | USN-7 | As a user, I can go through the instructions in the site to carry out the prediction process. | 4 | Low | Aravinth,karthik,prasanna |
| Sprint-4 | Portal Configuration | USN-8 | As a developer, I can configure the portal for easy use by customer | 5 | Medium | Aravinth,karthik,prasanna |

# Project Tracker, Velocity & Burndown Chart: (4 Marks)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed (as on**  **Planned End Date)** | **Sprint Release Date (Actual)** |
| Sprint-1 | 7 | 6 Days | 24 Oct 2022 | 29 Oct 2022 |  |  |
| Sprint-2 | 10 | 10 Days | 31 Oct 2022 | 9 Nov 2022 |  |  |
| Sprint-3 | 5 | 2 Days | 11 Nov 2022 | 12 Nov 2022 |  |  |
| Sprint-4 | 9 | 3 Days | 14 Nov 2022 | 16 Nov 2022 |  |  |

**Velocity:**

|  |  |
| --- | --- |
| Sprint | Average velocity |
| Sprint 1 | 1.17 |
| Sprint 2 | 1 |
| Sprint 3 | 2.5 |
| Sprint 4 | 3 |

# Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

